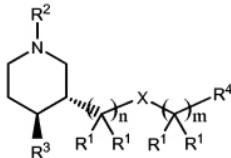


**CLAIMS**

This listing of the claims will replace all prior versions and listings of the claims in the application.

1. (original) A compound represented by formula I:



wherein

R<sup>1</sup> represents independently for each occurrence H or alkyl;

R<sup>2</sup> is H, alkyl, aryl, aralkyl, or -C(O)R<sup>5</sup>;

R<sup>3</sup> is aryl, heteroaryl, or aralkyl;

R<sup>4</sup> is hydrogen, hydroxyl, aryl, heteroaryl, OR<sup>5</sup>, CO<sub>2</sub>R<sup>6</sup>, C(O)N(R<sup>6</sup>)<sub>2</sub>, C(O)NHOH, OC(O)R<sup>5</sup>, or oxadiazole;

R<sup>5</sup> is alkyl, aryl, heteroaryl, or aralkyl;

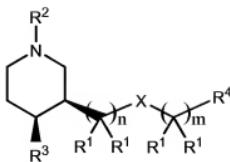
R<sup>6</sup> represents independently for each occurrence hydrogen, alkyl, aryl, or aralkyl, wherein any two instances of R<sup>6</sup> may be covalently attached to form a ring;

X is S, -S(O)-, or -S(O<sub>2</sub>)-;

n is 1, 2, 3, or 4; and

m is 1, 2, 3, or 4.

2. (original) A compound represented by formula II:



wherein

R<sup>1</sup> represents independently for each occurrence H or alkyl;

R<sup>2</sup> is H, alkyl, aryl, aralkyl, or -C(O)R<sup>5</sup>;

R<sup>3</sup> is aryl, heteroaryl, or aralkyl;

R<sup>4</sup> is hydrogen, hydroxyl, aryl, heteroaryl, OR<sup>5</sup>, CO<sub>2</sub>R<sup>6</sup>, C(O)N(R<sup>6</sup>)<sub>2</sub>, C(O)NHOH, OC(O)R<sup>5</sup>, or oxadiazole;

R<sup>5</sup> is alkyl, aryl, heteroaryl, or aralkyl;

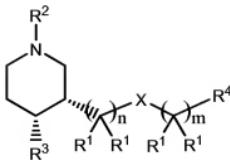
R<sup>6</sup> represents independently for each occurrence hydrogen, alkyl, aryl, or aralkyl, wherein any two instances of R<sup>6</sup> may be covalently attached to form a ring;

X is S, -S(O)<sub>n</sub>, or -S(O<sub>2</sub>)<sub>n</sub>;

n is 1, 2, 3, or 4; and

m is 1, 2, 3, or 4.

3. (original) A compound represented by formula III:



III

wherein

R<sup>1</sup> represents independently for each occurrence H or alkyl;

R<sup>2</sup> is H, alkyl, aryl, aralkyl, or -C(O)R<sup>5</sup>;

R<sup>3</sup> is aryl, heteroaryl, or aralkyl;

R<sup>4</sup> is hydrogen, hydroxyl, aryl, heteroaryl, OR<sup>5</sup>, CO<sub>2</sub>R<sup>6</sup>, C(O)N(R<sup>6</sup>)<sub>2</sub>, C(O)NHOH,  
OC(O)R<sup>5</sup>, or oxadiazole;

R<sup>5</sup> is alkyl, aryl, heteroaryl, or aralkyl;

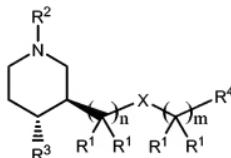
R<sup>6</sup> represents independently for each occurrence hydrogen, alkyl, aryl, or aralkyl,  
wherein any two instances of R<sup>6</sup> may be covalently attached to form a ring;

X is S, -S(O)-, or -S(O<sub>2</sub>)-;

n is 1, 2, 3, or 4; and

m is 1, 2, 3, or 4.

4. (original) A compound represented by formula IV:



wherein

R<sup>1</sup> represents independently for each occurrence H or alkyl;

R<sup>2</sup> is H, alkyl, aryl, aralkyl, or -C(O)R<sup>5</sup>;

R<sup>3</sup> is aryl, heteroaryl, or aralkyl;

R<sup>4</sup> is hydrogen, hydroxyl, aryl, heteroaryl, OR<sup>5</sup>, CO<sub>2</sub>R<sup>6</sup>, C(O)N(R<sup>6</sup>)<sub>2</sub>, C(O)NHOH,  
OC(O)R<sup>5</sup>, or oxadiazole;

R<sup>5</sup> is alkyl, aryl, heteroaryl, or aralkyl;

R<sup>6</sup> represents independently for each occurrence hydrogen, alkyl, aryl, or aralkyl, wherein any two instances of R<sup>6</sup> may be covalently attached to form a ring;

X is S, -S(O)-, or -S(O<sub>2</sub>)-;

n is 1, 2, 3, or 4; and

m is 1, 2, 3, or 4.

Claims 5-23 (canceled)

24. (original) The compound of claim 2, wherein X is S or -S(O)-.
25. (original) The compound of claim 2, wherein R<sup>2</sup> is methyl, ethyl or propyl.
26. (original) The compound of claim 2, wherein R<sup>2</sup> is methyl.
27. (original) The compound of claim 2, wherein R<sup>3</sup> is optionally substituted phenyl.
28. (original) The compound of claim 2, wherein R<sup>3</sup> is halophenyl.
29. (original) The compound of claim 2, wherein R<sup>3</sup> is 3-chlorophenyl.
30. (original) The compound of claim 2, wherein R<sup>4</sup> is C(O)N(R<sup>6</sup>)<sub>2</sub>.
31. (original) The compound of claim 2, wherein R<sup>4</sup> is C(O)N(R<sup>6</sup>)<sub>2</sub> and R<sup>6</sup> represents independently for each occurrence hydrogen or alkyl.
32. (original) The compound of claim 2, wherein X is S, n is 1, m is 1, R<sup>1</sup> is hydrogen, R<sup>2</sup> is methyl, and R<sup>3</sup> is 3-chlorophenyl.
33. (original) The compound of claim 2, wherein X is S, n is 1, m is 1, R<sup>1</sup> is hydrogen, R<sup>2</sup> is methyl, R<sup>3</sup> is 3-chlorophenyl, and R<sup>4</sup> is C(O)N(H)iPr.
34. (original) The compound of claim 2, wherein X is S, n is 1, m is 1, R<sup>1</sup> is hydrogen, R<sup>2</sup> is methyl, R<sup>3</sup> is 3-chlorophenyl, and R<sup>4</sup> is C(O)N(H)iPr.
35. (original) The compound of claim 3, wherein X is S or -S(O)-.
36. (original) The compound of claim 3, wherein R<sup>2</sup> is methyl, ethyl or propyl.
37. (original) The compound of claim 3, wherein R<sup>2</sup> is methyl.

38. (original) The compound of claim 3, wherein R<sup>3</sup> is optionally substituted phenyl.
39. (original) The compound of claim 3, wherein R<sup>3</sup> is halophenyl.
40. (original) The compound of claim 3, wherein R<sup>3</sup> is 3-chlorophenyl.
41. (original) The compound of claim 3, wherein R<sup>4</sup> is C(O)N(R<sup>6</sup>)<sub>2</sub>.
42. (original) The compound of claim 3, wherein R<sup>4</sup> is C(O)N(R<sup>6</sup>)<sub>2</sub> and R<sup>6</sup> represents independently for each occurrence hydrogen or alkyl.
43. (original) The compound of claim 3, wherein X is S, n is 1, m is 1, R<sup>1</sup> is hydrogen, R<sup>2</sup> is methyl, and R<sup>3</sup> is 3-chlorophenyl.
44. (original) The compound of claim 3, wherein X is S, n is 1, m is 1, R<sup>1</sup> is hydrogen, R<sup>2</sup> is methyl, R<sup>3</sup> is 3-chlorophenyl, and R<sup>4</sup> is C(O)N(R<sup>6</sup>)<sub>2</sub>.
45. (original) The compound of claim 3, wherein X is S, n is 1, m is 1, R<sup>1</sup> is hydrogen, R<sup>2</sup> is methyl, R<sup>3</sup> is 3-chlorophenyl, and R<sup>4</sup> is C(O)N(H)iPr.
46. (original) The compound of claim 4, wherein X is S or -S(O)-.
47. (original) The compound of claim 4, wherein R<sup>2</sup> is methyl, ethyl or propyl.
48. (original) The compound of claim 4, wherein R<sup>2</sup> is methyl.
49. (original) The compound of claim 4, wherein R<sup>3</sup> is optionally substituted phenyl.
50. (original) The compound of claim 4, wherein R<sup>3</sup> is halophenyl.
51. (original) The compound of claim 4, wherein R<sup>3</sup> is 3-chlorophenyl.
52. (original) The compound of claim 4, wherein R<sup>4</sup> is C(O)N(R<sup>6</sup>)<sub>2</sub>.
53. (original) The compound of claim 4, wherein R<sup>4</sup> is C(O)N(R<sup>6</sup>)<sub>2</sub> and R<sup>6</sup> represents independently for each occurrence hydrogen or alkyl.
54. (original) The compound of claim 4, wherein X is S, n is 1, m is 1, R<sup>1</sup> is hydrogen, R<sup>2</sup> is methyl, and R<sup>3</sup> is 3-chlorophenyl.
55. (original) The compound of claim 4, wherein X is S, n is 1, m is 1, R<sup>1</sup> is hydrogen, R<sup>2</sup> is methyl, R<sup>3</sup> is 3-chlorophenyl, and R<sup>4</sup> is C(O)N(R<sup>6</sup>)<sub>2</sub>.

56. (**original**) The compound of claim 4, wherein X is S, n is 1, m is 1, R<sup>1</sup> is hydrogen, R<sup>2</sup> is methyl, R<sup>3</sup> is 3-chlorophenyl, and R<sup>4</sup> is C(O)N(H)iPr.

Claims 57-107(**canceled**)

108. (**previously presented**) The compound of claim 1, wherein X is S or -S(O)-.

109. (**previously presented**) The compound of claim 1, wherein R<sup>2</sup> is methyl, ethyl or propyl.

110. (**previously presented**) The compound of claim 1, wherein R<sup>2</sup> is methyl.

111. (**previously presented**) The compound of claim 1, wherein R<sup>3</sup> is optionally substituted phenyl.

112. (**previously presented**) The compound of claim 1, wherein R<sup>3</sup> is halophenyl.

113. (**previously presented**) The compound of claim 1, wherein R<sup>3</sup> is 3-chlorophenyl.

114. (**previously presented**) The compound of claim 1, wherein R<sup>4</sup> is C(O)N(R<sup>6</sup>)<sub>2</sub>.

115. (**previously presented**) The compound of claim 1, wherein R<sup>4</sup> is C(O)N(R<sup>6</sup>)<sub>2</sub> and R<sup>6</sup> represents independently for each occurrence hydrogen or alkyl.

116. (**previously presented**) The compound of claim 1, wherein X is S, n is 1, m is 1, R<sup>1</sup> is hydrogen, R<sup>2</sup> is methyl, and R<sup>3</sup> is 3-chlorophenyl.

117. (**previously presented**) The compound of claim 1, wherein X is S, n is 1, m is 1, R<sup>1</sup> is hydrogen, R<sup>2</sup> is methyl, R<sup>3</sup> is 3-chlorophenyl, and R<sup>4</sup> is C(O)N(R<sup>6</sup>)<sub>2</sub>.

118. (**previously presented**) The compound of claim 1, wherein X is S, n is 1, m is 1, R<sup>1</sup> is hydrogen, R<sup>2</sup> is methyl, R<sup>3</sup> is 3-chlorophenyl, and R<sup>4</sup> is C(O)N(H)iPr.